

Attorney Docket No. 57764 (71994)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT:

Kauppinen, et al.

CONFIRMATION:

6647

U.S.S.N.:

10/601,140

GROUP ART UNIT:

1645

FILED:

June 20, 2003

EXAMINER:

Not yet assigned

FOR:

METHODS AND SYSTEMS FOR DETECTION AND ISOLATION OF A

NUCLEOTIDE SEQUENCE

CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited as First Class Mail in an envelope addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 18, 2004.

Rachelle Chery

Mail Stop Missing Parts Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

TRANSMITTAL

This paper is responsive to the Notice To Comply With Requirements For Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures mailed February 6, 2004.

Accordingly, submitted herewith is:

- 1. A copy of the Notice To Comply With Requirements For Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures;
- 2. A copy of the Raw Sequence Listing Error Report;
- 3. A new Computer Readable Form (CRF) (1 diskette);
- 4. A new Paper Copy of the Sequence Listing;
- 5. Statement to Support Filing and Submission in Accordance With 37 C.F.R. §§ 1.821-1.825.

Attorney Docket No. 57764 (71994)
Serial No. 10/601,140
Filed: June 20, 2003
Response to Notice To Comply With Requirements For Patent Applications
Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures
Page 2 of 2

Respectfully submitted,

Date March 18, 2004

Edwards and Angell, LLP P.O. Box 55874 Boston MA US 02205 Telephone: 617-439-444

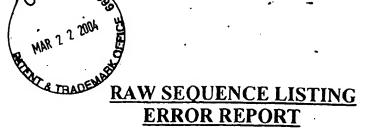
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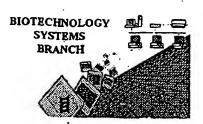
Dianne Rees

Attorney for Applicant Registration No. 45,281 Customer No.: 21874

Should additional fees be necessary in connection with the filing of this paper, or if a petition for extension of time is required for timely acceptance of same, the Commissioner is hereby authorized to charge Deposit Account No. 04-1105 for any such fees; and applicants hereby petition for any needed extension of time.

BOS2_437875.1





The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

Source:

Date Processed by STIC:

10/601,140 11/1016-

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

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FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

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http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

- 1. EFS-Bio (http://www.uspto.gov/ebc/efs/downloads/documents.htm, EFS Submission User Manual ePAVE)
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Revised 10/08/03





IFHO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/601,140

DATE: 01/04/2004

TIME: 10:30:14

Input Set : A:\57771994.app

Output Set: N:\CRF4\01042004\J601140.raw

3 <110> APPLICANT: KAUPPINEN, SAKARI

JACOBSEN, NANA

6 <120> TITLE OF INVENTION: METHODS AND SYSTEMS FOR DETECTION AND ISOLATION OF A

NUCLEOTIDE SEQUENCE

9 <130> FILE REFERENCE: 57764(71994)

11 <140> CURRENT APPLICATION NUMBER: 10/601,140

12 <141> CURRENT FILING DATE: 2003-06-20

14 <150> PRIOR APPLICATION NUMBER: US 60/390,928

15 <151> PRIOR FILING DATE: 2002-06-24

17 <160> NUMBER OF SEQ ID NOS: 45

19 <170> SOFTWARE: PatentIn Ver. 3.2

Doss Not Comply Comected Diskette Needer

ERRORED SEQUENCES

1113 <210> SEQ ID NO: 40 1114 <211> LENGTH: (207) 20 Shown below

1115 <212> TYPE: DNA

1116 <213> ORGANISM: Artificial Sequence

1118 <220> FEATURE:

1119 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

oligonucleotide

1122 <400> SEQUENCE: 40

E--> 1123 ttttttttt ttttttt

20



Use of a gro/or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to Insure a corresponding explanation is presented in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/601,140

DATE: 01/04/2004 TIME: 10:30:15

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Output Set: N:\CRF4\01042004\J601140.raw

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L:1196 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0